NOTES

GENERAL
1. INVERT LEVELS AND REFERENCE POINT DATA ARE SPECIFIED IN THE DESIGN DRAWINGS.
2. INLET/OUTLET PIPES MAY JOIN STRUCTURE AT SHOE ANGLES.
3. THIS STRUCTURE IS NOT APPROPRIATE FOR DIRECT CONNECTION TO WATER CORPORATION DRAIN UNLESS PROVIDED WITH SLT TRAP OR INCOMING SURFACE DRAINAGE HAS BEEN TRAPPED UPSTREAM.
4. FOR INFORMATION RELATING TO GROUND PREPARATION OF STRUCTURES REFER TO MAIN ROADS TENDER DOCUMENT - PREPARATION NO. 495 DRAINAGE STRUCTURES.

CONCRETE & REINFORCEMENT
5. ALL IN-SITU CONCRETE SHALL BE CLASS NZ3 IN ACCORDANCE WITH AS3979.
6. ALL IN-SITU CONCRETE CORNERS SHALL HAVE A 20 CHAMFER UNLESS OTHERWISE NOTED.
7. CEMENT MORTAR SHALL CONSIST OF ONE PART PORTLAND CEMENT (OR SIMILAR) AND THREE PARTS SAND.
8. SL1 REINFORCEMENT SHALL CONFORM TO HARD DRAWN FABRIC TO AS4437.
9. MINIMUM CLEAR COVER TO REINFORCEMENT SHALL BE 50.

BRICKWORK
10. BRICKWORK TO BE REFINISHED EVERY THIRD COURSE WITH SMORRIGON A.R.C., MASONRY REINFORCEMENT HR150 OR SIMILAR APPROVED IN ACCORDANCE WITH AS2699.
11. BRICKWORK SHALL BE 234 x 114 x 65 NOMINAL SIZE, SOUND, HARD, WELL BURNED AND TRUE TO SHAPE AND DIMENSIONS AND SHALL BE OF EXPOSURE DURABILITY CLASS IN ACCORDANCE WITH AS4455.
12. BRICKWORK SHALL BE SOLD AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 25MPA IN ACCORDANCE WITH AS4437.

STEP IRONS
13. FOR STRUCTURES DEEPER THAN 1200, STEP IRONS OR PREFABRICATED GALVANISED STEEL LADDER SHALL BE FITTED. THE LADDER SHALL BE FIXED WITH STAINLESS STEEL MASONRY ANCHORS IN ACCORDANCE WITH AS3657.
14. ORIENTATE STEP IRONS OR LADDER TO ENABLE EASY ACCESS AND TO FACE ONCOMING TRAFFIC.

OPEN GRADED ASPHALT
15. REFER TO DRAWING 200231-122 IF OPEN GRADED ASPHALT IS USED FOR THE FINISHED SURFACE.

SUPERSEDED DRAWINGS
16. THIS DRAWING SUPERSEDES DRAWINGS 9831-5838 & 9831-5841.

**TABLE 1**

<table>
<thead>
<tr>
<th>STRUCTURE TYPE</th>
<th>PIT DEPTH</th>
<th>INTERNAL SIZE</th>
<th>BASE SLAB</th>
<th>MAX Ø PIPE CONNECTING TO PIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>TGT-B</td>
<td>600-1200</td>
<td>610 x 970</td>
<td>1370 x 1730</td>
<td>NOM. Ø 375</td>
</tr>
<tr>
<td>SGT-B</td>
<td>1200-3600</td>
<td>1090 x 1090</td>
<td>1850 x 1850</td>
<td>NOM. Ø 525</td>
</tr>
</tbody>
</table>

ALL UNITS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.

**DRAWING REFERENCES**

| STRUCTURE SELECTION GUIDE | 200231-494 |
| COVER TYPE GT (RECTANGULAR) | 200231-105 |
| COVER TYPE GT (ROUND) | 200231-356 |
| STEP IRON DETAILS | 200231-116 |
| GRATE AND FRAME | 200231-118 |
| PIT SLT TRAP (IF REQUIRED) | 200231-121 |